

10/617,582

Ref #	Hits	Search Query	DBs	Default Operat or	Plura ls	Time Stamp
L1	4	((("4835310") or ("4931576")).PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2005/09/01 11:41
L2	1	ep-166695-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 11:42
L3	2	("4931576").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2005/09/01 11:42
L4	2	jp-2003048883-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 11:45

L5	2	jp-2000186086-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 11:47
L6	2	jp-2000143651-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 11:50
L7	2	jp-10114764-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 11:52
L8	2	jp-2000309584-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 11:53

L9	2	jp-2000204301-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 11:54
L10	2	jp-2001288181-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 11:55
L11	0	us-2003149231-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 11:55
L12	2	us-20030149231-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:04

L13	10	(("5807975") or ("3234236") or ("2436233")).PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2005/09/01 12:05
L14	2	jp-2000186086-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:07
L15	2	jp-2000186087-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:07
L16	2	jp-2000137307-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:10

L17	2	jp-11180977-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:11
L18	190	"4046729"	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:12
L19	17	(("4046729") or ("4366307") or ("4609762") or ("4681811") or ("5225472") or ("5912319") or ("6172179") or ("3454539")).PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2005/09/01 12:18
L20	0	("us-20030017341-\$.did. ").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2005/09/01 12:19

L21	2	us-20030017341-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:20
L22	2	("6800371").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2005/09/01 12:21
L23	6	((("6372849") or ("6509418") or ("6942843") or ("6232401")).PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2005/09/01 12:35
L24	2	("6372849").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2005/09/01 12:37

L25	34962	polymercaptan or polythiol or dimercaptan or dithiol or dimercaptodioxaoctane or DMDO or dimercaptodiethylsulfide or dimercaptodiethylsulphide or DMDS or dimercaptooxapentane or dimercapto or dithio	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:39
L26	1325	polymercapto or polythio	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:39
L27	35868	I25 or I26	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:40

L28	10819	allylglycidylether or (allyl adj glycidyl adj ether) or (allylglycidyl adj ether) or (allyl adj glycidylether) or (epoxy adj3 (hexene or alkene or octene or decene)) or epoxyhexene or epoxyalkene or epoxyoctene or epoxydecene or (vinylcyclohexene adj (oxide or epoxide or monoepoxide)) or (vinyl adj2 cyclohexene adj2 (oxide or epoxide or monoepoxide)) or vinylcyclohexeneoxide or vinylcyclohexeneepoxide or ((butadiene or isoprene or limonene) adj3 (oxide or epoxide or monoepoxide))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:48
L29	32921	(olefin?\$1 or vinyl\$2 or allyl\$2) near3 (glycidyl\$2 or oxiran?\$2 or epox?\$3)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:49
L30	25961	(glycidyl adj (acrylate or methacrylate)) or glycidylacrylate or glycidylmethacrylate	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:50

L31	53116	I28 or I29 or I30	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:50
L32	42	I27 near10 I31	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:58

10/617,582

(FILE 'HOME' ENTERED AT 10:47:08 ON 01 SEP 2005)

FILE 'STNGUIDE' ENTERED AT 10:48:20 ON 01 SEP 2005

FILE 'REGISTRY' ENTERED AT 10:52:58 ON 01 SEP 2005

L1 STRUCTURE UPLOADED

L2 38 S L1

L3 1 S 207556-36-3/RN

L4 1 S 207556-36-3/RN

L5 1 S 240402-28-2/RN

L6 247 S C8H14O2S2/MF

L7 1 S L6 AND OXIRANE

L8 174 S C7H12O2S2/MF

L9 0 S L8 AND OXIRANE

FILE 'CAPLUS' ENTERED AT 11:03:05 ON 01 SEP 2005

L10 1 S 230950-21-7#/RN

L11 7 S 207556-36-3#/RN

FILE 'STNGUIDE' ENTERED AT 11:05:53 ON 01 SEP 2005

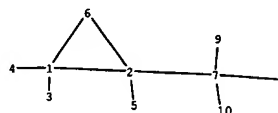
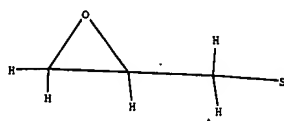
L12 0 S 103296-84-0#/RN

FILE 'REGISTRY' ENTERED AT 11:14:29 ON 01 SEP 2005

FILE 'CAPLUS' ENTERED AT 11:14:35 ON 01 SEP 2005

L13 12 S 103296-84-0#/RN

FILE 'STNGUIDE' ENTERED AT 11:14:50 ON 01 SEP 2005



chain nodes :

3 4 5 7 8 9 10

ring nodes :

1 2 6

chain bonds :

1-4 1-3 2-5 2-7 7-9 7-10 7-8

ring bonds :

1-6 1-2 2-6

exact/norm bonds :

1-6 1-2 2-6 7-8

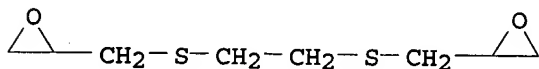
exact bonds :

1-4 1-3 2-5 2-7 7-9 7-10

Match level :

1:Atom 2:Atom 3:CLASS 4:CLASS 5:CLASS 6:Atom 7:CLASS 8:CLASS
9:CLASS 10:CLASS

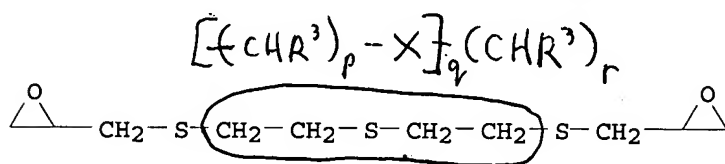
RN 103296-84-0 REGISTRY
ED Entered STN: 19 Jul 1986
CN Oxirane, 2,2'-[1,2-ethanediylbis(thiomethylene)]bis- (9CI) (CA
INDEX NAME)
OTHER NAMES:
CN 1,2-Bis(glycidylthio)ethane
FS 3D CONCORD
MF C8 H14 O2 S2
CI COM
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

12 REFERENCES IN FILE CA (1907 TO DATE)
12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 207556-36-3 REGISTRY
 ED Entered STN: 24 Jun 1998
 CN Oxirane, 2,2'-[thiobis(2,1-ethanediylthiomethylene)]bis- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C10 H18 O2 S3
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT



$$R^3 = H$$

$$X = S$$

$$p = 2$$

$$q = 1$$

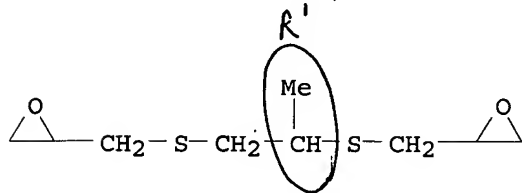
$$r = 2$$

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

7 REFERENCES IN FILE CA (1907 TO DATE)

7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 230950-21-7 REGISTRY
ED Entered STN: 06 Aug 1999
CN Oxirane, 2,2'-[(1-methyl-1,2-ethanediyl)bis(thiomethylene)]bis- (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C9 H16 O2 S2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

(FILE 'HOME' ENTERED AT 13:37:26 ON 01 SEP 2005)

FILE 'STNGUIDE' ENTERED AT 13:37:31 ON 01 SEP 2005

FILE 'REGISTRY' ENTERED AT 13:40:19 ON 01 SEP 2005

L1 3 S DIMERCAPTODIOXA OCTANE
L2 1 S 14970-87-7#/RN
L3 1 S DIMERCAPTODIETHYLSULFIDE
L4 1 S 3570-55-6#/RN
L5 438 S ALLYL(W) GLYCIDYL(W) ETHER
L6 392 S EPOXY(3W) HEXENE
L7 4 S EPOXY(W) 7(W) OCTENE
L8 3 S EPOXY(W) 9(W) DECENE
L9 30 S VINYL(2W) CYCLOHEXENE(3W) EPOXIDE
L10 28 S BUTADIENE(2A) (EPOXIDE OR MONOEPOXIDE)
L11 1 S ISOPRENE(W) EPOXIDE
L12 0 S LIMONENE(W) (EPOXIDE OR MONOEPOXIDE)
L13 4 S LIMONENE(W) (EPOXIDE OR MONOEPOXIDE)
L14 2 S (14970-87-7# OR 3570-55-6#)/RN
L15 610 S (14970-87-7# OR 3570-55-6#)/CRN
L16 1942 S (106-92-3# OR 10353-53-4# OR 105205-70-7# OR 52485-73-1# OR 1
L17 19 S (1838-94-4# OR 13837-75-7# OR 4959-35-7# OR 1195-92-2#)/CRN
L18 8 S L15 AND (L16 OR L17)

FILE 'CAPLUS' ENTERED AT 13:54:49 ON 01 SEP 2005

L19 1 S 823797-39-3#/RN
L20 559 S (14970-87-7# OR 3570-55-6#)/RN
S (14970-87-7# OR 3570-55-6#)/CRN

FILE 'REGISTRY' ENTERED AT 13:56:46 ON 01 SEP 2005

L21 610 S (14970-87-7# OR 3570-55-6#)/CRN

FILE 'CAPLUS' ENTERED AT 13:56:46 ON 01 SEP 2005

L22 257 S L21
L23 785 S L20 OR L22
L24 3516 S (106-92-3# OR 10353-53-4# OR 105205-70-7# OR 52485-73-1# OR 1
S (106-92-3# OR 10353-53-4# OR 105205-70-7# OR 52485-73-1# OR 1

FILE 'REGISTRY' ENTERED AT 13:58:41 ON 01 SEP 2005

L25 1942 S (106-92-3# OR 10353-53-4# OR 105205-70-7# OR 52485-73-1# OR 1

FILE 'CAPLUS' ENTERED AT 13:58:41 ON 01 SEP 2005

L26 2439 S L25
L27 5837 S L24 OR L26
L28 1044 S (1838-94-4# OR 13837-75-7# OR 4959-35-7# OR 1195-92-2# OR 823
S (1838-94-4# OR 13837-75-7# OR 4959-35-7# OR 1195-92-2# OR 823

FILE 'REGISTRY' ENTERED AT 13:59:57 ON 01 SEP 2005

L29 19 S (1838-94-4# OR 13837-75-7# OR 4959-35-7# OR 1195-92-2# OR 823

FILE 'CAPLUS' ENTERED AT 13:59:58 ON 01 SEP 2005

L30 22 S L29
L31 1064 S L28 OR L30
L32 11 S L23 AND (L27 OR L30)

RN 14970-87-7 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Ethanethiol, 2,2'-[1,2-ethanediylbis(oxy)]bis- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ethanethiol, 2,2'-(ethylenedioxy)di- (6CI, 8CI)
 OTHER NAMES:
 CN 1,2-Bis(2'-mercaptoethoxy)ethane
 CN 1,2-Bis(2-mercaptoethoxy)ethane
 CN 1,8-Dimercapto-3,6-dioxaoctane
 CN 2,2'-(Ethylenedioxy)diethanethiol
 CN 3,6-Dioxaoctane-1,8-dithiol
 CN DMDO
 CN Ethylene glycol di-2-mercaptoethyl ether
 CN NSC 94782
 CN Triethylene glycol dimercaptan
 CN Triethylene glycol dithiol
 FS 3D CONCORD
 MF C6 H14 O2 S2
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSChem, IFICDB, IFIPAT, IFIUDB, PROMT,
 TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

HS-CH₂-CH₂-O-CH₂-CH₂-O-CH₂-CH₂-SH

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

187 REFERENCES IN FILE CA (1907 TO DATE)
 27 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 187 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

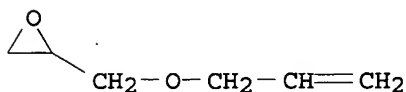
RN 3570-55-6 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Ethanethiol, 2,2'-thiobis- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ethanethiol, 2,2'-thiodi- (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN 1,4,7-Trithiaheptane
 CN 1,5-Dimercapto-3-thiapentane
 CN 1-Mercapto-2-(mercaptoethylthio)ethane
 CN 2,2'-Dimercaptodiethyl sulfide
 CN 2,2'-Dimercaptodiethyl thioether
 CN 2,2'-Thiobis[ethanethiol]
 CN 2,2'-Thiodi(ethanethiol)
 CN 2-Mercaptoethyl sulfide
 CN 2-Mercaptoethyl thioether
 CN 3-Thia-1,5-pentanedithiol
 CN Bis(2-mercaptoethyl) sulfide
 CN Bis(2-sulfanylethyl) sulfide
 CN DMDS
 CN NSC 4766
 CN TDT
 FS 3D CONCORD
 MF C4 H10 S3
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT,
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHM, DETHERM*, EMBASE, GMELIN*,
 HODOC*, IFICDB, IFIPAT, IFIUDB, NIOSHTIC, SPECINFO, SYNTHLINE,
 TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

HS-CH₂-CH₂-S-CH₂-CH₂-SH

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

412 REFERENCES IN FILE CA (1907 TO DATE)
 36 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 413 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

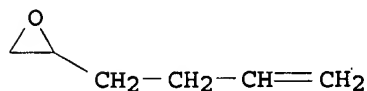
RN 106-92-3 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Oxirane, [(2-propenyloxy)methyl]- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Propane, 1-(allyloxy)-2,3-epoxy- (6CI, 8CI)
 OTHER NAMES:
 CN (±)-Allyl glycidyl ether
 CN 1,2-Epoxy-3-allyloxypropane
 CN 1-(2-Propenyloxy)-2,3-epoxypropane
 CN 1-Allyloxy-2,3-epoxypropane
 CN 2-Allyloxymethyloxirane
 CN A 32608
 CN AGE
 CN Allyl 2,3-epoxypropyl ether
 CN Allyl glycidyl ether
 CN Allyl oxiranemethyl ether
 CN Denacol EX 111
 CN Glycidyl 2-propenyl ether
 CN Glycidyl allyl ether
 CN NSC 18596
 CN NSC 631
 CN [(2-Propenyloxy)methyl]oxirane
 CN [(Allyloxy)methyl]oxirane
 FS 3D CONCORD
 DR 112186-06-8, 90907-93-0
 MF C6 H10 O2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX,
 CHEMLIST, CHEMSAFE, CIN, CSCHM, CSNB, DETHERM*, DIPPR*, EMBASE,
 ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*, HODOC*, HSDB*,
 IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NIOSHTIC, PIRA, PROMT,
 RTECS*, SCISEARCH, SPECINFO, TOXCENTER, ULIDAT, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2037 REFERENCES IN FILE CA (1907 TO DATE)
 630 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2042 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 108 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 10353-53-4 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Oxirane, 3-butenyl- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Hexene, 5,6-epoxy- (7CI, 8CI)
 OTHER NAMES:
 CN ω -Butenyloxirane
 CN 1,2-Epoxy-5-hexene
 CN 2-(3-Butenyl)oxirane
 CN 3-Butenyloxirane
 CN 5,6-Epoxy-1-hexene
 CN Diallyl monooxide
 CN Diallyl monoxide
 FS 3D CONCORD
 DR 133358-40-4
 MF C6 H10 O
 CI COM
 LC STN Files: AGRICOLA, BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSChem, IFICDB, IFIPAT, IFIUDB, RTECS*,
 SPECINFO, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)

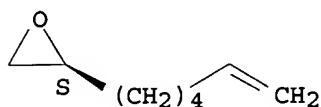


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

189 REFERENCES IN FILE CA (1907 TO DATE)
 16 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 189 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 105205-70-7 REGISTRY
ED Entered STN: 15 Nov 1986
CN Oxirane, 5-hexenyl-, (2S)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Oxirane, 5-hexenyl-, (S)-
OTHER NAMES:
CN (-)-1,2-Epoxy-7-octene
CN (S)-5-Hexenyloxirane
FS STEREOSEARCH
MF C8 H14 O
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CHEMINFORMRX
(*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (-).

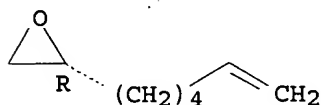


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

7 REFERENCES IN FILE CA (1907 TO DATE)
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 52485-73-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN Oxirane, 5-hexenyl-, (2R)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Oxirane, 5-hexenyl-, (R)-
OTHER NAMES:
CN (+)-1,2-Epoxy-7-octene
CN (R)-(+)-7,8-Epoxy-1-octene
CN (R)-5-Hexenyloxirane
FS STEREOSEARCH
MF C8 H14 O
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMINFORMRX, TOXCENTER
(*File contains numerically searchable property data)

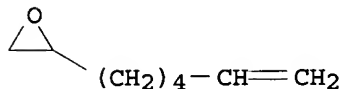
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

8 REFERENCES IN FILE CA (1907 TO DATE)
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 19600-63-6 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Oxirane, 5-hexenyl- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Octene, 7,8-epoxy- (8CI)
 OTHER NAMES:
 CN (+)-1,2-Epoxyoct-7-ene
 CN (+)-5-Hexenyloxirane
 CN (5-Hexen-1-yl)oxirane
 CN ω-Hexenyl oxirane
 CN 1,2-Epoxy-7-octene
 CN 5-Hexenyloxirane
 CN 7,8-Epoxy-1-octene
 FS 3D CONCORD
 DR 126872-17-1
 MF C8 H14 O
 CI COM
 LC STN Files: BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAPLUS, CASREACT,
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CSChem, DETHERM*, IFICDB, IFIPAT,
 IFIUDB, MSDS-OHS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2,
 USPATFULL, VTB
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)

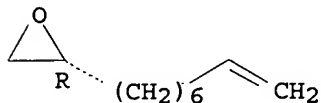


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

110 REFERENCES IN FILE CA (1907 TO DATE)
 8 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 110 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 137310-67-9 REGISTRY
 ED Entered STN: 15 Nov 1991
 CN Oxirane, 7-octenyl-, (R)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN (+)-1,2-Epoxy-9-decene
 FS STEREOSEARCH
 MF C10 H18 O
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS, USPATFULL
 (*File contains numerically searchable property data)

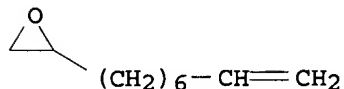
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

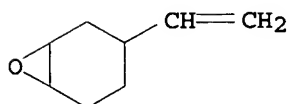
L8 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 85721-25-1 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Oxirane, (7-octenyl)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN (7-Octenyl)oxirane
 CN 1,2-Epoxy-9-decene
 CN 9,10-Epoxy-1-decene
 FS 3D CONCORD
 MF C10 H18 O
 CI COM
 SR European Union (EU)
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX,
 CHEMLIST, CSChem, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

55 REFERENCES IN FILE CA (1907 TO DATE)
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 55 REFERENCES IN FILE CAPLUS (1907 TO DATE)

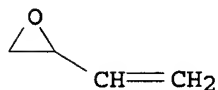
RN 106-86-5 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 7-Oxabicyclo[4.1.0]heptane, 3-ethenyl- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 7-Oxabicyclo[4.1.0]heptane, 3-vinyl- (6CI, 8CI)
 CN Cyclohexane, 1,2-epoxy-4-vinyl- (7CI)
 OTHER NAMES:
 CN 1,2-Epoxy-4-vinylcyclohexane
 CN 1-Ethenyl-3-cyclohexene oxide
 CN 1-Vinyl-3,4-epoxycyclohexane
 CN 3,4-Epoxycyclohexylethylene
 CN 3-Ethenyl-7-oxabicyclo[4.1.0]heptane
 CN 3-Vinyl-7-oxabicyclo[4.1.0]heptane
 CN 4-Vinyl-1-cyclohexene-1,2-epoxide
 CN 4-Vinylcyclohexane 1,2-epoxide
 CN 4-Vinylcyclohexane-1-oxide
 CN 4-Vinylcyclohexene monoepoxide
 CN 4-Vinylcyclohexene oxide
 CN Epoxide 101
 CN NSC 35409
 CN Unoxat epoxide 101
 CN Vinyl-3,4-epoxycyclohexane
 FS 3D CONCORD
 DR 29087-40-9
 MF C8 H12 O
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CIN, CSCHM, EMBASE, IFICDB, IFIPAT, IFIUDB,
 NIOSHTIC, RTECS*, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

397 REFERENCES IN FILE CA (1907 TO DATE)
 142 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 397 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 19 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

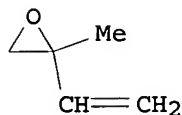
RN 930-22-3 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Oxirane, ethenyl- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Butene, 3,4-epoxy- (6CI, 8CI)
 OTHER NAMES:
 CN (±)-Vinylloxirane
 CN 1,2-Epoxy-3-butene
 CN 1,2-Oxido-3-butene
 CN 1,3-Butadiene monoepoxide
 CN 1,3-Butadiene monooxide
 CN 1,3-Butadiene oxide
 CN 2-Vinylloxirane
 CN 3,4-Epoxy-1-butene
 CN Butadiene epoxide
 CN Butadiene monoepoxide
 CN Butadiene monooxide
 CN Butene 3,4-epoxide
 CN Epoxybutadiene
 CN Ethenylloxirane
 CN NSC 24251
 CN NSC 8023
 CN Vinyl epoxide
 CN Vinylloxirane
 FS 3D CONCORD
 DR 22910-58-3, 88416-31-3
 MF C4 H6 O
 CI COM
 LC STN Files: AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,
 CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX,
 CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, EMBASE, GMELIN*, HODOC*, HSDB*,
 IFICDB, IFIPAT, IFIUDB, MEDLINE, NIOSHTIC, PROMT, PS, RTECS*, SPECINFO,
 SYNTHLINE, TOXCENTER, ULIDAT, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

988 REFERENCES IN FILE CA (1907 TO DATE)
 56 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 989 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 42 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 1838-94-4 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Oxirane, 2-ethenyl-2-methyl- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Butene, 3,4-epoxy-3-methyl- (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN 1,2-Epoxy-2-methyl-3-butene
 CN 2-Ethenyl-2-methyloxirane
 CN 2-Methyl-2-vinylepoxy
 CN 2-Methyl-2-vinyloxacyclopropane
 CN 2-Methyl-2-vinyloxirane
 CN 2-Vinylpropylene oxide
 CN 3,4-Epoxy-3-methyl-1-butene
 CN 3-Methyl-3,4-oxido-1-butene
 CN Isoprene epoxide
 CN Isoprene oxide
 CN NSC 48598
 FS 3D CONCORD
 DR 86777-83-5
 MF C5 H8 O
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CSCHM, CSNB, GMELIN*, IFICDB, IFIPAT, IFIUDB, MEDLINE,
 NAPRALERT, PS, SPECINFO, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

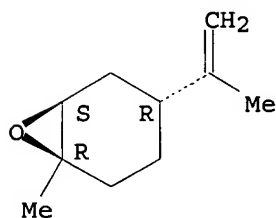


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

294 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 296 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 14 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 13837-75-7 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 7-Oxabicyclo[4.1.0]heptane, 1-methyl-4-(1-methylethenyl)-, (1R,4R,6S)-rel-(9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 7-Oxabicyclo[4.1.0]heptane, 1-methyl-4-(1-methylethenyl)-, (1 α ,4 α ,6 α)-
 CN p-Menth-8-ene, 1,2-epoxy-, cis- (8CI)
 OTHER NAMES:
 CN 1,2-Epoxy-cis-p-menth-8-ene
 CN 1,2-Epoxydipentene
 CN 1 α ,2 α -Epoxylimonene
 CN cis-1,2-Epoxy-p-menth-8-ene
 CN cis-1,2-Epoxylimonene
 CN cis-1,2-Limonene epoxide
 CN cis-1,2-Limonene oxide
 CN cis-Limonene epoxide
 CN cis-Limonene monoepoxide
 CN cis-Limonene oxide
 FS STEREOSEARCH
 DR 66141-66-0
 MF C10 H16 O
 CI COM
 LC STN Files: ANABSTR, BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

Relative stereochemistry.



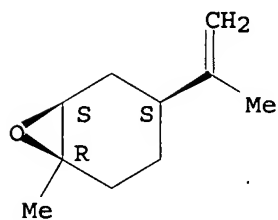
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

252 REFERENCES IN FILE CA (1907 TO DATE)
 254 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 4959-35-7 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 7-Oxabicyclo[4.1.0]heptane, 1-methyl-4-(1-methylethenyl)-, (1R,4S,6S)-rel-(9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 7-Oxabicyclo[4.1.0]heptane, 1-methyl-4-(1-methylethenyl)-, (1 α ,4 β ,6 α)-
 CN p-Menth-8-ene, 1,2-epoxy-, stereoisomer (8CI)
 OTHER NAMES:
 CN 1,2-Epoxy-trans-p-menth-8-ene
 CN 1 β ,2 β -Epoxylimonene
 CN trans-1,2-Epoxy-p-menth-8-ene
 CN trans-1,2-Limonene epoxide
 CN trans-1,2-Limonene oxide
 CN trans-Limonene epoxide
 CN trans-Limonene monoepoxide

CN trans-Limonene oxide
FS STEREOSEARCH
DR 10373-59-8, 66141-65-9, 201797-62-8
MF C10 H16 O
CI COM
LC STN Files: ANABSTR, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT,
CHEMINFORMRX, SPECINFO, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)

Relative stereochemistry.

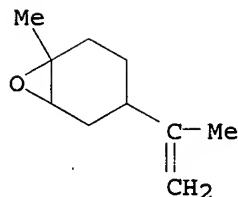


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

247 REFERENCES IN FILE CA (1907 TO DATE)
248 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L

RN 1195-92-2 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 7-Oxabicyclo[4.1.0]heptane, 1-methyl-4-(1-methylethenyl)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN p-Menth-8-ene, 1,2-epoxy- (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN 1,2-Epoxy-p-menth-8-ene
 CN 1,2-Epoxy limonene
 CN Limonene 1,2-epoxide
 CN Limonene 1,2-oxide
 CN Limonene epoxide
 CN Limonene monoxide
 CN Limonene oxide
 CN LMO
 CN NSC 12045
 FS 3D CONCORD
 DR 10008-60-3, 98240-20-1, 31326-91-7
 MF C10 H16 O
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, MEDLINE, NAPRALERT, NIOSHTIC, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



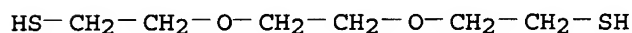
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

438 REFERENCES IN FILE CA (1907 TO DATE)
 25 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 440 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 34 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 823797-39-3 REGISTRY
 ED Entered STN: 01 Feb 2005
 CN Ethanethiol, 2,2'-[1,2-ethanediylbis(oxy)]bis-, polymer with
 1,1'-[oxybis(2,1-ethanediylloxy)]bis[ethene] and [(2-
 propenyloxy)methyl]oxirane (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN Allyl glycidyl ether-diethylene glycol divinyl ether-dimercaptodioxaoctane
 copolymer
 MF (C8 H14 O3 . C6 H14 O2 S2 . C6 H10 O2)x
 CI PMS
 PCT Polyether, Polyvinyl
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

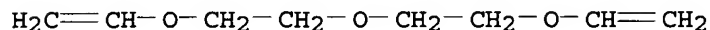
CM 1

CRN 14970-87-7
 CMF C6 H14 O2 S2



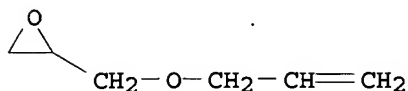
CM 2

CRN 764-99-8
 CMF C8 H14 O3



CM 3

CRN 106-92-3
 CMF C6 H10 O2



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)